

**CLAIMS**

1. A packaging machine path (2) for producing deep-drawn packaging cavities (4) comprising at least one deep-drawing station (6) and at least one filling station, characterised in that a device (I) for acting upon packaging cavities (4) with a gaseous or volatile substance which has a boiling or sublimation point at atmospheric pressure of  $<10^{\circ}\text{C}$ , preferably  $< -5^{\circ}\text{C}$ , especially preferably  $< -10^{\circ}\text{C}$  and a temperature of  $<3^{\circ}\text{C}$ , preferably  $< -50^{\circ}\text{C}$ , especially preferably  $< -100^{\circ}\text{C}$ , is arranged in the running direction (5) of the film (3) between the deep-drawing station (6) and the filling station.
  
2. The packaging machine path (2) according to claim 1, characterised in that the atmosphere in the closed packaging consists of a gaseous substance, especially an inert gas or oxygen-enriched air.

3. The packaging machine path (2) according to any one of the preceding claims, characterised in that the packaging cavities (4) can be acted upon with the gaseous or volatile substance by means (7) arranged above said packaging cavities (4).

4. The packaging machine path (2) according to any one of the preceding claims, characterised in that the packaging cavities (4) are covered directly after being acted upon with the gaseous or volatile substance.

5. The packaging machine path (2) according to any one or the preceding claims, characterised in that at least two packaging cavities (4) can be acted upon with the gaseous or volatile substance at the same time.

6. The packaging machine path (2) according to any one of the preceding claims, characterised in that means (7) open into slotted nozzles whose length substantially corresponds to the length of the packaging cavity acted upon with the gaseous or volatile substance.

7. The packaging machine path (2) according to any one of the preceding claims, characterised in that means for collecting and returning the vaporised or volatilised substance to the processing process after the action are provided.